RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/599,479
Source: IFWP
Date Processed by STIC: 10/10/2006

ENTERED

IFWP

RAW SEQUENCE LISTING DATE: 10/10/2006
PATENT APPLICATION: **US/10/599,479** TIME: 14:34:13

Input Set : **A:\PTO.KD.txt**
Output Set: **N:\CRF4\10102006\J599479.raw**

```
      3 <110> APPLICANT: Masayoshi SHICHIRI
      5 <120> TITLE OF INVENTION: CARDIOINHIBITORY/ANTIHYPERTENSIVE NOVEL
ENDOGENOUS PHYSIOLOGICALLY ACTIVE
      6       PEPTIDE
      8 <130> FILE REFERENCE: 4439-4047
W-->  9 <140> CURRENT APPLICATION NUMBER: TBA
C--> 10 <141> CURRENT FILING DATE: 2006-09-29
     12 <150> PRIOR APPLICATION NUMBER: JP2004-110463
     13 <151> PRIOR FILING DATE: 2004-04-02
     15 <160> NUMBER OF SEQ ID NOS: 8
     17 <170> SOFTWARE: PatentIn version 3.1
     19 <210> SEQ ID NO: 1
     20 <211> LENGTH: 72
     21 <212> TYPE: DNA
     22 <213> ORGANISM: Homo sapiens
     24 <400> SEQUENCE: 1
     26 gccatcttca tcttcatcag caacacgggt ggcaagcaga tcaaccaggt ggcattggag     60
     28 gcgtggcgca gc                                                       72
     31 <210> SEQ ID NO: 2
     32 <211> LENGTH: 24
     33 <212> TYPE: PRT
     34 <213> ORGANISM: Homo sapiens
     36 <400> SEQUENCE: 2
     38 Ala Ile Phe Ile Phe Ile Ser Asn Thr Gly Gly Lys Gln Ile Asn Gln
     39 1               5                  10                  15
     42 Val Ala Leu Glu Ala Trp Arg Ser
     43             20
     46 <210> SEQ ID NO: 3
     47 <211> LENGTH: 28
     48 <212> TYPE: PRT
     49 <213> ORGANISM: Artificial
     51 <220> FEATURE:
     52 <223> OTHER INFORMATION: salusin-alpha
     54 <400> SEQUENCE: 3
     56 Ser Gly Ala Leu Pro Pro Ala Pro Ala Ala Pro Arg Pro Ala Leu Arg
     57 1               5                  10                  15
     60 Ala Gln Arg Ala Gly Pro Ala Gly Pro Gly Ala Lys
     61             20                  25
     64 <210> SEQ ID NO: 4
     65 <211> LENGTH: 20
     66 <212> TYPE: PRT
     67 <213> ORGANISM: Artificial
     69 <220> FEATURE:
     70 <223> OTHER INFORMATION: salusin-beta
```

RAW SEQUENCE LISTING DATE: 10/10/2006
PATENT APPLICATION: **US/10/599,479** TIME: 14:34:13

Input Set : **A:\PTO.KD.txt**
Output Set: **N:\CRF4\10102006\J599479.raw**

72 <400> SEQUENCE: 4
74 Ala Ile Phe Ile Phe Ile Arg Trp Leu Leu Lys Leu Gly His His Gly
75 1 5 10 15
78 Arg Ala Pro Pro
79 20
82 <210> SEQ ID NO: 5
83 <211> LENGTH: 72
84 <212> TYPE: DNA
85 <213> ORGANISM: Rat
87 <400> SEQUENCE: 5
89 gccattttca tctttatcag caatactgga ggtgagcaga tcaaccaggt ggccctggag 60
91 gcatggcgca gc 72
94 <210> SEQ ID NO: 6
95 <211> LENGTH: 24
96 <212> TYPE: PRT
97 <213> ORGANISM: Rat
99 <400> SEQUENCE: 6
101 Ala Ile Phe Ile Phe Ile Ser Asn Thr Gly Gly Glu Gln Ile Asn Gln
102 1 5 10 15
105 Val Ala Leu Glu Ala Trp Arg Ser
106 20
109 <210> SEQ ID NO: 7
110 <211> LENGTH: 1527
111 <212> TYPE: DNA
112 <213> ORGANISM: Homo sapiens
114 <400> SEQUENCE: 7
115 gcctctgacc gaaatcgggc ctcaaccgga tggcggtggc gaggcacggc taccggccct 60
117 ggggctcgat cctcgggctg ctcgggctgg ccttggctgc cgccgccgcc tgggacgtgg 120
119 cttctctgcg ctgcaccttc ggctcgttct gcgaatgcga cttctggccc gacttgccgg 180
121 gtctggaatg tgacctggct caacacctgg ctggccagca tttggccaag gccctggtgg 240
123 tgaagtcact gaaggccttt gtacaggacc cagcccccag caagccgttg gtcctttccc 300
125 tgcacggctg gacaggcacc gggaagtcct acgttagctc cctgctggca cagcatctct 360
127 tccgggatgg ccttcgcagc cctcacgtcc atcacttctc ccctatcatc catttcccac 420
129 atcccagccg cactgagcag tacaagaagg agctcaagag ctgggttcag gggaacctca 480
131 ctgcctgtgg ccgatccctt ttcctcttcg atgagatgga caagctgcct cctggcctga 540
133 tggaagtcct gcagcccttc ctgggccctt cttgggttgt gtatgggacc aactatcgca 600
135 aagccatctt catctttatc agcaatgctg gtggtgagca gatcaaccag gtggccttgg 660
137 aggcctggcg cagccacagg gacagggaag aaatcagcct acaggaggtg gagccagtaa 720
139 tctcccgagc tgtgatggac aaccctcaac atggcttctg gcggtctggc atcatggagg 780
141 agcacctgct ggacgctgtg gtgcccttcc tcccgctcca gcggcatcac gtgcgccact 840
143 gcgtactcaa tgagctggct cagttgggcc tggagcccag cgaggaggtg gttcaggcgg 900
145 tgctggacag caccacctac ttccctgagg tagaacagct cttctcctcc aatggctgca 960
147 agacagtggc ctcccgactc acatttttcc tctgagaagc ccaggtggca tcgctgcctc 1020
149 ctctgcctgg tcagagcaaa cacgaaaggc ctgggtggct cctggaagaa atctttccta 1080
151 agctggttgg caagtgggac ccagagcaca atgttaagat gaagaaaggt gttggccagg 1140
153 ccaaggaaga aaggtctaga agcatctttg ctaagaaact cctgggtacc ccgcaacctc 1200
155 acagccgtgc cattgccctg cagtctgagc cttagccttc tcaatgtgaa cggcaactca 1260
157 gggacgaagg ctcctggctg cttccagctg gggactctta ctggcatgcc ttgtctggct 1320
159 cctttcccag acctcagccc acagactgtg gctggaccca gcaatccagc taggccaggc 1380

RAW SEQUENCE LISTING DATE: 10/10/2006
PATENT APPLICATION: **US/10/599,479** TIME: 14:34:13

Input Set : **A:\PTO.KD.txt**
Output Set: **N:\CRF4\10102006\J599479.raw**

```
161 tagcacctca caggttcccc aaatggaagg actcaagcta ctacatgggc ctgaatttca   1440
163 aagtttttaa ttttgtacaa gagaacagag attaaataaa cttagccttg gtattagaaa   1500
165 aaaaaaaaaa aaaaaaaaaa aaaaaaa                                       1527
168 <210> SEQ ID NO: 8
169 <211> LENGTH: 321
170 <212> TYPE: PRT
171 <213> ORGANISM: Homo sapiens
173 <400> SEQUENCE: 8
174 Met Ala Ala Ala Thr Arg Gly Cys Arg Pro Trp Gly Ser Leu Leu Gly
175 1               5                  10                  15
178 Leu Leu Gly Leu Val Ser Ala Ala Ala Ala Ala Trp Asp Leu Ala Ser
179             20                  25                  30
182 Leu Arg Cys Thr Leu Gly Ala Phe Cys Glu Cys Asp Phe Arg Pro Asp
183         35                  40                  45
186 Leu Pro Gly Leu Glu Cys Asp Leu Ala Gln His Leu Ala Gly Gln His
187     50                  55                  60
190 Leu Ala Lys Ala Leu Val Val Lys Ala Leu Lys Ala Phe Val Arg Asp
191 65                  70                  75                  80
194 Pro Ala Pro Thr Lys Pro Leu Val Leu Ser Leu His Gly Trp Thr Gly
195                 85                  90                  95
198 Thr Gly Lys Ser Tyr Val Ser Ser Leu Leu Ala His Tyr Leu Phe Gln
199             100                 105                 110
202 Gly Gly Leu Arg Ser Pro Arg Val His His Phe Ser Pro Val Leu His
203         115                 120                 125
206 Phe Pro His Pro Ser His Ile Glu Arg Tyr Lys Lys Asp Leu Lys Ser
207     130                 135                 140
210 Trp Val Gln Gly Asn Leu Thr Ala Cys Gly Arg Ser Leu Phe Leu Phe
211 145                 150                 155                 160
214 Asp Glu Met Asp Lys Met Pro Pro Gly Leu Met Glu Val Leu Arg Pro
215                 165                 170                 175
218 Phe Leu Gly Ser Ser Trp Val Val Tyr Gly Thr Asn Tyr Ala Lys Ala
219             180                 185                 190
222 Ile Phe Ile Phe Ile Ser Asn Thr Gly Gly Lys Gln Ile Asn Gln Val
223         195                 200                 205
226 Ala Leu Glu Ala Trp Arg Ser Arg Arg Asp Arg Glu Glu Ile Leu Leu
227     210                 215                 220
230 Gln Glu Leu Glu Pro Val Ile Ser Arg Ala Val Leu Asp Asn Pro His
231 225                 230                 235                 240
234 His Gly Phe Ser Asn Ser Gly Ile Met Glu Glu Arg Leu Leu Asp Ala
235                 245                 250                 255
238 Val Val Pro Phe Leu Pro Leu Gln Arg His His Val Arg His Cys Val
239             260                 265                 270
242 Leu Asn Glu Leu Ala Gln Leu Gly Leu Glu Pro Arg Asp Glu Val Val
243         275                 280                 285
246 Gln Ala Val Leu Asp Ser Thr Thr Phe Phe Pro Glu Asp Glu Gln Leu
247     290                 295                 300
250 Phe Ser Ser Asn Gly Cys Lys Thr Val Ala Ser Arg Ile Ala Phe Phe
251 305                 310                 315                 320
254 Leu
```

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 10/10/2006
PATENT APPLICATION: **US/10/599,479** TIME: 14:34:14

Input Set : **A:\PTO.KD.txt**
Output Set: **N:\CRF4\10102006\J599479.raw**

Invalid Line Length:
The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:1; Line(s) 5

Invalid <213> Response:
Use of "Artificial" only as "<213> Organism" response is incomplete, per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:3,4

VERIFICATION SUMMARY DATE: 10/10/2006
PATENT APPLICATION: **US/10/599,479** TIME: 14:34:14

Input Set : **A:\PTO.KD.txt**
Output Set: **N:\CRF4\10102006\J599479.raw**

L:9 M:283 W: Missing Blank Line separator, <140> field identifier
L:9 M:270 C: Current Application Number differs, Replaced Current Application Number
L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date